

ECS Configuration Change Request

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1. Originator Byron V. Peters	2. Log Date: 14 MAY 99	3. CCR #: 99-0431	4. Rev: —	5. Tel: 301/883-4077	6. Rm #: 2011C	7. Org. SED
8. Title of Change: Engineering Technical Directive for Removing autofs from ECS SGIs						
9. Originator Signature/Date <i>Byron V. Peters</i> 5/14/99		10. Class H	11. Type: CCR		12. Need Date: 14-May-99	
13. Office Manager Signature/Date <i>Howard C. Koenig</i> 5/14/99		14. Category of Change: Initial Baseline		15. Priority: (If "Emergency" fill in Block 28). Emergency		
16. Documentation/Drawings Impacted: None		17. Schedule Impact:		18. CI(s) Affected: N/A		
19. Release Affected: Drop 4PY		20. Date due to Customer:		21. Impl. Date:		22. Estimated Cost: None
23. Source Reference: <input checked="" type="checkbox"/> NCR (attach) <input type="checkbox"/> Action Item <input type="checkbox"/> Tech Ref. <input type="checkbox"/> GSFC <input type="checkbox"/> Other: ELSED 22658						
24. Description of Change: (use additional Sheets if necessary) A bug has been discovered in the SGI autofs or NFS implementation that prevents SGI NFS clients from working with Sun NFS servers. The connectivity is especially noticeable when installing ECS custom code patches as the staging servers are Suns and there are many SGI clients that are typically upgraded.						
25. Proposed Solution: (use additional sheets if necessary) SGI does not have a quick fix for this problem. The only immediate alternative is to go back to using automounter instead of autofs. The attached ETD includes a short script which needs to be executed on each SGI. The time to complete is less than 10 minutes but DOES require a reboot.						
26. Alternate Solution: (use additional sheets if necessary) Continue with autofs until a fix is provided by SGI						
27. Consequences if Change(s) are not approved: (use additional sheets if necessary) Significant delays in installation process and degraded system performance.						
28. Justification for Emergency (If Block 15 is "Emergency"): The transition to Drop 4PY at EDC next week is at significant risk if this is not accomplished.						
29. Site(s) Affected: <input checked="" type="checkbox"/> EDF <input checked="" type="checkbox"/> Mini-DAAC <input checked="" type="checkbox"/> VATC <input checked="" type="checkbox"/> EDC <input checked="" type="checkbox"/> GSFC <input checked="" type="checkbox"/> LaRC <input checked="" type="checkbox"/> NSIDC <input checked="" type="checkbox"/> SMC <input type="checkbox"/> AK <input type="checkbox"/> JPL <input type="checkbox"/> EOC <input type="checkbox"/> IDG Test Cell <input type="checkbox"/> Other						
30. Board Comments:				31. Work Assigned To:		
32. EDF/REL2 CCB Chair (Sign/Date): <i>Mr. McDonald</i> 5/14/99		33. Disposition: <u>Approved</u> A/C Disapproved Fwd/ECS Fwd/ESDIS		34. (TBD)		
35. M&O CCB Chair (Sign/Date): <i>Henry W. Sloan</i> 5/14/99		36. Disposition: <u>Approved</u> A/C Disapproved Fwd/ECS Fwd/ESDIS		37. CM Manager's Closure:		
38. ECS CCB Chair (Sign/Date):		39. Disposition: Approved A/C Disapproved		40. CCR Closed Date:		

CM01 March 8, 1999

ECS/EDF/REL2 CCB

ORIGINAL

05-14-99P12:08 RCVD